RECEIVED
CENTRAL FAX CENTER
JAN 10 2011

PTOL-413A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENTOF COMMERCE

Applicant Initiated Supplemental Interview Request Form

Application No.: 10/516,910 First Named Applicant: Sang Woon Suh
Examiner: Kaveh Abrishamkar Art Unit: 2431 Status of Application: pending

Tentative Participants:
(1) Terry L. Clark (2) _____
(3) _____ (4) _____

Proposed Date of Interview: January 17, 2011 **Proposed Time:** 2:00 (AM☐/PM☒)

Type of Interview Requested:
(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO
If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Agreed	Not Agreed
(1) 103(a)	1, 3-5, 7, 9-10, 12, 14-19, 50-53	US 6,289,102 US 2002/0080960	☐	☐

☒ Continuation Sheet Attached

Brief Description of Arguments to be Presented:

_____

_____

_____

An interview was conducted on the above-identified application on _____.

NOTE:
This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

_____ _____
(Applicant/Applicant's Representative Signature) (Examiner/SPE Signature)

10858536.1

RECEIVED
CENTRAL FAX CENTER
JAN 10 2011

Proposed Claim Amendments for Discussion Purposes Only

1. (Previously Presented) A method of recording copy protection information on a recording medium, comprising:

recording encrypted data in a main data area of the recording medium;

recording copy protection information additionally in a second area other than a first area including original copy protection information, wherein the copy protection information is required for decrypting the encrypted data and the second area is separated from the main data area; and

recording position information for indicating where the copy protection information is recorded,

wherein the second area is formed in a lead-in area and/or lead-out area defined in the recording medium.

2. (Cancelled)

3. (Cancelled) ~~The method set forth in claim 1, wherein the second area includes an area within a lead-in area and/or lead-out area defined in the recording medium.~~

4. (Previously Presented) The method set forth in claim 1, wherein the copy protection information in the first area and/or the second area is formed as wobble pattern.

5. (Previously Presented) The method set forth in claim 1, wherein control information about the recording medium is recorded in the lead-in area defined in the recording medium and the control information is duplicated in an area other than the first area.

6. (Cancelled)

7. (Currently Amended) A recording medium having a data structure for managing ~~decryption and~~ copy protection information by a recording apparatus, comprising:

a data area for storing encrypted data;

a first area for storing copy protection information for managing decryption of the

encrypted data by the recording apparatus;

at least one second area for storing a duplicate of the copy protection information; and

a third area for storing position information indicating where the copy protection information is recorded, ~~wherein the position information indicates at least a position of the duplicated copy protection information~~,

wherein the second area is formed in a lead-in area and/or lead-out area defined in the recording medium and the second area is separated from the first area.

8. (Cancelled)

9. (Currently Amended) The recording medium set forth in claim 7, wherein the first area includes ~~and second areas include~~ an area within a lead-in area and/or a lead-out area defined in the recording medium.

10. (Previously Presented) The recording medium set forth in claim 7, wherein copy protection information in the first area and/or the second area is formed as wobble pattern.

11. (Cancelled)

12. (Currently Amended) A method of reproducing data from a recording medium, comprising the steps of:

detecting copy protection information recorded in a first area of the recording medium or repeatedly recorded in a second area copied from the first area where original copy protection information is recorded, the copy protection information being required for decrypting encrypted data recorded in a main data area of the recording medium,; and

performing a decryption of the encrypted data based on the detected copy protection information,

wherein at least the second area is separated from the ~~main data~~ first area, and

the detecting step detects the copy protection information based on position information to indicate where the copy protection information is recorded,

wherein the second area is formed in a lead-in area and/or lead-out area defined in the recording medium.

13. (Cancelled)

14. (Cancelled) ~~The method set forth in claim 12, wherein the second area includes an area within a lead-in area and/or lead-out area defined in the recording medium.~~

15. (Previously Presented) The method set forth in claim 12, wherein the copy protection information is recorded differently depending on a manufacture of the recording medium.

16. (Currently Amended) The method set forth in claim 12, wherein the detecting step includes a step of detecting position information for the original copy protection information and reads the original copy protection information based on the position information.

17. (Currently Amended) The method set forth in claim 12, wherein the detecting step includes a step of detecting position information for at least one of the repeated copy protection information and reads the repeated copy protection information based on the position information.

18. (Previously Presented) The method set forth in claim 12, wherein, the detecting step detects other one among the repeated copy protection information if an error occurs in the detection of the copy protection information.

19. (Previously Presented) The method set forth in claim 12, wherein the original copy protection information and/or the duplicated copy protection information is recorded in wobbled form, wherein the detecting step detects the copy protection information formed in wobble pattern.

20. – 49. (Cancelled)

50. (Currently Amended) An apparatus for reproducing a recording medium, comprising:

a pickup unit configured to read data from the recording medium;

a controller configured to control the pickup unit to detect copy protection information based on position information to indicate where the copy protection information is recorded, the copy protection information being required for processing the copy-protected data and recorded in a first area and additionally in a second area other than the first area, the first area including original copy protection information and the second area including copied copy protection information; and

a processor configured to process the copy-protected data using detected copy protection information,

wherein the second area is formed in a lead-in area and/or lead-out area defined in the recording medium and the second area is separated from the first area.

51. (Previously Presented) The apparatus set forth in claim 50, wherein the controller is configured to control the pickup unit to detect the copy protection information from the first area.

52. (Previously Presented) The apparatus set forth in claim 50, wherein the controller is configured to control the pickup unit to detect the copied copy protection information from the position information for indicating a position of the copied copy protection information.

53. (Previously Presented) The apparatus set forth in claim 52, wherein the controller is configured to control the pickup unit to detect the copied copy protection information using the position information if the detection of the original copy protection information recorded in the first area fails.

54. (Previously Presented) The apparatus set forth in claim 50, wherein the controller is configured to identify the position of the copy protection information from the position information present within a basic information unit required for controlling a recording or reproducing of the copy-protected data in the recording medium.